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11. (amended) In a computer network including a host computer, a print server and at least one image-forming device wherein that utilizes a marking material is used for creating to create images on a print media, a method for calculating the an amount of the marking material required to print

5 for a print job submitted by a user, the method comprising the steps of:

converting a the print job to a universal file format file;
transmitting a the universal file format file to a print server;
eoping copying the universal file format file to generate a copied file;

and

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10 as a first task:

converting the universal file format file to a page description language (PDL) file;

processing the print job PDL file including at least selecting an image-forming device for the print job; and

transmitting the print job PDL file to the selected image-forming device to print the print job; and

as a second <u>task</u>, separate <u>from the first</u> task utilizing the copy of the universal file format file:

converting the copied file of the universal file format file to raster data;

counting the number of image elements corresponding to the print job contained in the print job raster data; and

for the print job using based on a predetermined amount of marking material for printing an individual image element.

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12. (amended) The method of Claim 11 wherein the first and second tasks are performed by the <u>print</u> server in parallel.

- 13. (amended) The method of Claim 11 wherein the second task is performed by the <u>print</u> server in the <u>a background process of the print</u> server background.
 - 14. (amended) The method of Claim 11 wherein the at least one image-forming device is a laser printer, and wherein the marking material comprises toner for use in a the laser printer.
 - 15. (amended) The method of Claim 11 wherein the <u>at least one</u> image-forming device is an ink jet printer, and wherein the marking material comprises ink for use in an the ink jet printer.

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16-20. canceled